

ASSISTANCE AGREEMENT

1. Award No. DE-EE0000786		2. Modification No. 001		3. Effective Date 07/27/2009		4. CFDA No. 81.128	
5. Awarded To LAKE, COUNTY OF Attn: BARNETT SCHWARTZMAN PO BOX 7800 TAVARES FL 327787800				6. Sponsoring Office Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401			7. Period of Performance 07/27/2009 through 07/26/2012
8. Type of Agreement <input checked="" type="checkbox"/> Grant <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Other		9. Authority PL 110-140, EISA 2007 PL 111-5, Recovery Act 2009			10. Purchase Request or Funding Document No. 10EE002737		
11. Remittance Address LAKE, COUNTY OF Attn: BARNETT SCHWARTZMAN PO BOX 7800 TAVARES FL 327787800				12. Total Amount Govt. Share: \$2,807,500.00 Cost Share : \$0.00 Total : \$2,807,500.00		13. Funds Obligated This action: \$2,607,500.00 Total : \$2,807,500.00	
14. Principal Investigator Sanford Minkoff Phone: 352-343-9888		15. Program Manager Kelsie M. Bell Phone: 720-356-1643			16. Administrator Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401-3393		
17. Submit Payment Requests To			18. Paying Office OR for Golden U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 4517 Oak Ridge TN 37831			19. Submit Reports To See Attachment #2	
20. Accounting and Appropriation Data See Schedule							
21. Research Title and/or Description of Project RECOVERY ACT: COUNTY OF LAKE, FL ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT							
For the Recipient				For the United States of America			
22. Signature of Person Authorized to Sign				25. Signature of Grants/Agreements Officer Signature on File			
23. Name and Title		24. Date Signed		26. Name of Officer Sara J. Wilson		27. Date Signed 04/16/2010	

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NAME OF OFFEROR OR CONTRACTOR

LAKE, COUNTY OF

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>DUNS Number: 079214136</p> <p>The purposes of this modification are to:</p> <p>1) Approve the Energy Efficiency and Conservation Strategy (EECS);</p> <p>2) Obligate the remaining Recipient allocation, shown in Blocks 12 and 13 of the Assistance Agreement;</p> <p>3) Release additional funding in the amount of \$2,607,500 (Personnel Costs \$292,431, Fringe Benefit Costs \$139,874, Travel \$961, Equipment \$65,500, Supplies \$8,495, Contractual \$1,221,510, and Other Direct Costs \$878,729);</p> <p>4) Revise the Project Title in Block 21 of this Assistance Agreement;</p> <p>5) Delete and replace the Special Terms and Conditions;</p> <p>6) Delete and replace Attachment #1, Statement of Project Objectives;</p> <p>7) Delete and replace Attachment #2, Federal Assistance Reporting Checklist and Instructions, DOE F 4600.2;</p> <p>8) Delete and replace Attachment #3, Budget Information, SF-424A; and</p> <p>9) Update the DOE Award Administrator, DOE Project Officer, and Recipient Contact and Principal Investigator, as shown below;</p> <p>All other terms and conditions remain unchanged.</p> <p>Please note that Blocks 12 and 13 of this Assistance Agreement indicate the Total Obligated Amount of this project, which is the Recipient's total allocation. The full allocation has been made available in ASAP; however, the restrictions outlined in Provision Number 16, National Environmental Policy Act (NEPA) Requirements, Provision Number 20, Subgrants and Loans; and Provision Number 21, Justification of Budget Costs in the Special Terms and Conditions, limit the amount that can be drawn down in ASAP. Funding drawdowns shall be made strictly in Continued ...</p> <p>accordance with the Payment Procedures provision.</p>				

CONTINUATION SHEET

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NAME OF OFFEROR OR CONTRACTOR

LAKE, COUNTY OF

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Funds may NOT be drawn down to support activities or cost items that are conditioned without previously satisfying the requirements outlined in these provisions.</p> <p>DOE Award Administrator: Nicole Blackstone E-mail: nicole.blackstone@go.doe.gov Phone: 303-275-4879</p> <p>DOE Project Officer: Kelsie Bell E-mail: kelsie.bell@go.doe.gov Phone: 720-356-1643</p> <p>Recipient Business Officer: Sanford Minkoff E-mail: sminkoff@lakecountyfl.gov Phone: 352-343-9888</p> <p>Recipient Principal Investigator: Sanford Minkoff E-mail: sminkoff@lakecountyfl.gov Phone: 352-343-9888</p> <p>Electronic signature or signatures as used in this document means a method of signing an electronic message that-- (A) Identifies and authenticates a particular person as the source of the electronic message; (B) Indicates such person's approval of the information contained in the electronic message; and, (C) Submission via FedConnect constitutes electronically signed documents. ASAP: Yes Extent Competed: NOT AVAIL FOR COMP Davis-Bacon Act: YES</p>				

JULY 2004

STATEMENT OF PROJECT OBJECTIVES

County of Lake, FL

County of Lake, FL Energy Efficiency and Conservation Block Grant

A. PROJECT OBJECTIVES

The purpose of this award is to implement the Recipient's Energy Efficiency & Conservation Strategy (EECS) in order to reduce fossil fuel emissions; reduce total energy use of the eligible entities; and improve energy efficiency in the building sector, the transportation sector, and other appropriate sectors, along with creating jobs.

B. PROJECT SCOPE

The scope for this award is the implementation of the EECS and all supporting documentation necessary for the proposed activities (Attached).

C. PROJECT MANAGEMENT AND REPORTING

Reports and deliverables will be provided in accordance with the Federal Assistance Reporting Checklist.

EECBG Activity Worksheet

Grantee: Lake County, FL Date: 02/10/2010
DUNS #: 79214136 Program Contact Email: SMinkoff@lakecountyfl.gov
Program Contact First Name: Sanford Last Name: Minkoff
Project Title: Preparation of Energy Efficiency and Conservation Strategy
Activity: 1. Energy Efficiency and Conservation Strategy If Other: _____
Sector: Public If Other: _____
Proposed Number of Jobs Created: 0.00 Proposed Number of Jobs Retained: 1.00
Proposed Energy Saved and/or Renewable Energy Generated: 0
Proposed GHG Emissions Reduced (CO2 Equivalents): 0.000
Proposed Funds Leveraged: \$0.00
Proposed EECBG Budget: 92,790.00
Projected Costs Within Budget: Administration: \$12,909.89 Revolving Loans: \$0.00 Subgrants: \$0.00
Project Contact First Name: Sanford Last Name: Minkoff Email: SMinkoff@lakecountyfl.gov
Metric Activity: Technical Assistance If Other: _____

Project Summary: *(limit summary to space provided)*

Following the FOA Guidance, Lake County prepared an Energy Efficiency and Conservation Strategy (EECS), which is being submitted with the EECBG funding application package. This project falls under EECBG eligible activity #1, Development of an Energy Efficiency and Conservation Strategy.

This EECBG activity has two parts:

1. Prepare the EECS: The County worked with The Cadmus Group, Inc., the selected contractor, to prepare the EECS in accordance with the goals of the EECBG program: to maximize regional cooperation and benefits, to include programs and projects that have long-term impacts, and to establish programs and projects that are financially sustainable. The strategy identifies opportunities to minimize energy consumption and cost, increase the use of clean energy resources, reduce greenhouse gas emissions, and create jobs in the local government and commercial sectors. The strategy also includes methods for monitoring and reporting the impacts of programs and projects funded by EECBG on an annual basis and identifies opportunities for leveraging third-party funding (including city, state, federal, and others) to maximize the effectiveness of programs and projects proposed under the EECS. The EECS identifies goals and objectives that align with the longer term energy efficiency and sustainability goals of Lake County.
2. Seek approval by the Lake County Board of County Commissioners: The EECS and related documentation were presented for review and approval to the Commissioners on November 3, 2009.

This project results in numerous lasting benefits. Each of the Activities described under Lake County's EECS has three aims that dovetail with ARRA goals: each establishes objectives to guide Lake County's climate protection and sustainability efforts over the longer term; each creates jobs in and beyond the short term; and each promotes energy efficiency, resulting in emissions reductions and cost savings. This project also enables the obligation and expenditure of resources in a timely manner, stimulating the local economy, providing assistance to local homeowners, and following the ARRA directives for quick implementation and effect.

Activity cost breakdown:
Personnel: \$10,987
Fringe Benefits: \$1,923
Contractual: \$79,880
Total: \$92,790

EECBG Activity Worksheet

Grantee: Lake County, FL Date: 02/10/2010
DUNS #: 79214136 Program Contact Email: SMinkoff@lakecountyfl.gov
Program Contact First Name: Sanford Last Name: Minkoff
Project Title: Incentive Funds
Activity: 4. Financial Incentive Program If Other: _____
Sector: Public If Other: _____
Proposed Number of Jobs Created: 69.00 Proposed Number of Jobs Retained: 0.00
Proposed Energy Saved and/or Renewable Energy Generated: 224,354 MBTUs
Proposed GHG Emissions Reduced (CO2 Equivalents): 13,455.000
Proposed Funds Leveraged: \$4,000,000.00
Proposed EECBG Budget: 1,449,999.00
Projected Costs Within Budget: Administration: \$145,050.80 Revolving Loans: \$100,000.00 Subgrants: \$0.00
Project Contact First Name: Sanford Last Name: Minkoff Email: SMinkoff@lakecountyfl.gov
Metric Activity: Loans and Grants If Other: _____

Project Summary: *(limit summary to space provided)*

Lake County proposes to create a three-part financial incentive program to encourage energy efficiency upgrades and reduce energy waste: (1) a Residential and Small Commercial (RSC) incentive, (2) a County "lead by example" green building program with funds to pay for the incremental cost high-efficiency equipment and energy efficiency services, and (3) an internal revolving loan to finance energy-related emergency repairs. This program falls under eligible activity #4, Financial Incentive Program.

1. The RSC rebate incentive is a program intended for residential and small commercial property owners, which will pay for up to 20% of energy efficiency retrofits up to a total of \$500 per home and \$1,000 per business. Retrofits will include lighting retrofits; HVAC systems, duct sealing, and building envelope retrofits, including increased insulation; plumbing or site retrofits aimed toward energy efficiency gained through water conservation; and others. In the past year, 49 homes were retrofitted. This program's goal is 650 homes per year, a twelvefold increase, and 45 businesses per year. Due to the marked increase of work in these target markets, the RSC incentive will create competition, create jobs, and reduce the per-unit cost of weatherization-related retrofits for homeowners and small business owners. The building owners will benefit from the reduced initial cost due to volume and the County incentive, plus utility rebates where available and federal tax credits. This program will leverage resources by encouraging home and business owners to invest their own money to maximize efficiency and sustainability through green building measures.

2. As part of eligible activity #3, Lake County is benchmarking its facilities to identify cost-effective energy retrofits in County-owned facilities, for example the County parking facilities. The Lake County ARRA Program Manager will work with facility managers to put together a performance contract bid to improve those facilities with measures that meet County specifications. The performance contracting "plus" financial incentive will cover the incremental cost of purchasing high efficiency equipment and services that lead to efficient operation such as building commissioning, recommissioning, or retrocommissioning. These investments in efficiency may allow for LEED certification and ENERGY STAR labeling for qualifying buildings.

3. The internal revolving loan fund will provide short-term loans for emergency repairs that would otherwise have to wait weeks or until the following fiscal year to be done. Funds for these repairs would target those incidents, which, if left in disrepair, would create significant energy waste. When feasible, these funds will allow for early replacement with efficient equipment rather than repair. The beneficiary of the short-term loan will replenish the fund at the start of the next fiscal year. The ongoing benefits of this activity include lower County energy costs. Because of reduced energy use owing to the performance improvements in buildings, the County will also reduce GHG emissions. In addition, building retrofits provide other benefits, including enhanced occupant comfort and reduced deferred maintenance.

Activity cost breakdown:

Personnel: \$183,563
Fringe Benefits: \$64,247
Travel: \$275
Contractual: \$295,832
Construction: \$51,408
Total Direct: \$854,674
Total: \$1,449,999

Jobs creation and retention: The building retrofits will result in sustained work for teams of contractors. Lake County estimates approximately 69 jobs will be created and/or retained over the long term as funds are used.

Note: Per guidance in the FOA, Lake County will submit the environmental information contained in NETL F 451.1-1/3-EECBG contained in Attachment B3 when the eligible project is identified, if it falls under activity 5, 7D, 11, 13, or 14.

EECBG Activity Worksheet

Grantee:	Lake County, Florida		Date:	04/14/2010	
DUNS #:	79214136	Program Contact Email:	SMinkoff@lakecountyfl.gov		
Program Contact First Name:	Sanford	Last Name:	Minkoff		
Project Title:	Benchmarking, Education, and Outreach				
Activity:	6. Buildings and Facilities	If Other:			
Sector:	Public	If Other:			
Proposed Number of Jobs Created:	5.00	Proposed Number of Jobs Retained:			
Proposed Energy Saved and/or Renewable Energy Generated:	23475 mBtu				
Proposed GHG Emissions Reduced (CO2 Equivalents):	1,407.000				
Proposed Funds Leveraged:	\$0.00				
Proposed EECBG Budget:	503,685.00				
Projected Costs Within Budget:	Administration:	\$37,908.00	Revolving Loans:		Subgrants:
Project Contact First Name:	Sanford	Last Name:	Minkoff	Email:	SMinkoff@lakecountyfl.gov
Metric Activity:	Other	If Other:	Education and Audits		

Project Summary: *(limit summary to space provided)*

The following provides additional detail to each of this activity's 6 proposed projects.

PROJECT TITLE: Energy Performance Benchmarking and Associated Public Education and Outreach Campaign

Lake County proposes to establish a program for benchmarking the energy performance of County buildings and executing two pilot energy audits and retrofits to promote energy efficiency to the community. This EECBG activity has four parts: hire a temporary worker, use EPA'S Portfolio Manager to benchmark the energy performance of all municipal buildings greater than 5,000 square feet; complete a greenhouse Gas (GHG) inventory; and hire a contractor to complete energy audits on one home and one small business and then complete an energy efficiency retrofit on each.

PROJECT TITLE: Public Education and Outreach

Lake County proposes to establish a public education and outreach campaign to inform members of the community about the benefits of energy efficiency. This campaign will publicize County programs available to assist home and business owners with their energy efficiency efforts. With the help of a consultant, the project will also result in the creation of an inter-jurisdictional task force to help facilitate information sharing.

PROJECT TITLE: Adult Education and Training - Lake-Sumter Community College

Lake County proposes to implement an Adult Education and Training project to ensure that the current workforce is prepared for green-collar jobs related to energy efficiency and clean energy. This EECBG activity has three parts: develop course curricula; subsidize tuition; and assist with job placement.

PROJECT TITLE: Adult Education and Training - Lake Tech

The first part of this project is the development of curriculum and instructional staff to offer certification classes to construction professionals in the areas of installation and maintenance of photovoltaic and solar energy systems. The funds requested will be used for instructor salaries, student training materials, and "train the trainer" activities. If available, additional funds will enable Lake Tech to offer the classes tuition-free to local industry. The second part is to reopen the HVAC program at Lake Tech with a curriculum focused on energy efficiency. The funds would pay for the instructional cost to upgrade the curriculum and to replace outdated equipment for student use when the

PROJECT TITLE: Design and Operation of Energy Efficiency Programs

Lake County proposes to hire a consultant to prepare a detailed program guide for projects that will maximize the impact of the County's EECBG. Specifically, this activity will help develop the programmatic content for: Part A-The residential and small commercial rebate program; Part B-the quality inspection program; Part C-the performance contract plus program; and Part D-Lake County's revolving loan opportunity fund.

PROJECT TITLE: Participation and Efficiency Study

Lake County proposes to hire a consulting firm to conduct a study to identify the most effective methods for increasing participation in energy efficiency programs and maximizing the energy saved through County programs.

EECBG Activity Worksheet

Grantee:	Lake County, FL	Date:	04/14/2010
DUNS #:	79214136	Program Contact Email:	SMinkoff@lakecountyfl.gov
Program Contact First Name:	Sanford	Last Name:	Minkoff
Project Title:	Quality Inspection, Measurement, and Building Codes		
Activity:	6. Buildings and Facilities	If Other:	
Sector:	Public	If Other:	
Proposed Number of Jobs Created:	2.00	Proposed Number of Jobs Retained:	0.00
Proposed Energy Saved and/or Renewable Energy Generated:	0		
Proposed GHG Emissions Reduced (CO2 Equivalents):	0.000		
Proposed Funds Leveraged:	\$0.00		
Proposed EECBG Budget:	166,157.00		
Projected Costs Within Budget:	Administration: \$13,689.00	Revolving Loans:	\$0.00
		Subgrants:	\$0.00
Project Contact First Name:	Sanford	Last Name:	Minkoff
		Email:	SMinkoff@lakecountyfl.gov
Metric Activity:	Other	If Other:	Education and Building Codes

Project Summary: *(limit summary to space provided)*

The following provides additional detail to each of the this activity's 3 proposed projects.

PROJECT TITLE: Quality Inspection

Lake County proposes to create an inspection program to ensure that the energy efficiency upgrades partially financed through the rebate program under eligible activity #4 are properly installed so that the expected savings can be fully realized. This inspection program will utilize existing inspectors or create a new position on the County staff. The quality inspections will occur throughout the rebate program's performance period on a representative sample of building upgrade projects.

PROJECT TITLE: Measurement and Verification

Lake County proposes to complete a study toward the end of the 36-month performance period to measure and verify the outcomes of the energy efficiency programs implemented with EECBG funds.

PROJECT TITLE: Building Codes

Lake County seeks to identify barriers and roadblocks to energy efficiency upgrades by examining and revising County building codes and permitting procedures.

This EECBG activity has three parts:

1. Frame a path to International Energy Conservation Code (IECC) 2009 compliance and set up a program to meet IECC requirements.
2. Train County officials, architects, and builders on the updated building codes.
3. Evaluate the current building permitting process to identify bottlenecks, reduce/eliminate permitting fees, and simplify permitting paperwork to encourage energy efficiency projects.

Lake County will use existing County staff to perform this task.

EECBG Activity Worksheet

#5

Grantee: Lake County, FL Date: 02/10/2010
DUNS #: 79214136 Program Contact Email: SMinkoff@lakecountyfl.gov
Program Contact First Name: Sanford Last Name: Minkoff
Project Title: Traffic Signal Synchronization and System Improvement
Activity: 7. Transportation If Other: _____
Sector: Public If Other: _____
Proposed Number of Jobs Created: 4.00 Proposed Number of Jobs Retained: 0.00
Proposed Energy Saved and/or Renewable Energy Generated: 0
Proposed GHG Emissions Reduced (CO2 Equivalents): 0.000
Proposed Funds Leveraged: \$0.00
Proposed EECBG Budget: 327,157.00
Projected Costs Within Budget: Administration: \$29,168.00 Revolving Loans: \$0.00 Subgrants: \$0.00
Project Contact First Name: Sanford Last Name: Minkoff Email: SMinkoff@lakecountyfl.gov
Metric Activity: Transportation If Other: _____

Project Summary: *(limit summary to space provided)*

Lake County proposes to inventory the County-wide traffic signal and street light system and design short- and long-term implementation plans for retrofits and upgrades. Lake County currently maintains 182 traffic signals (75 County-owned, 107 through Interlocal agreements with cities), 52 warning flashers, 19 overhead warning beacons, 84 school flashers, and 30 street lights. Traffic signals will be evaluated for corridor synchronization and updating of existing timing plans. Intelligent Transportation Systems (ITS) will be evaluated for their usefulness to the County and implementation costs. EECBG funds will be used for a consulting engineer to develop policies and a comprehensive plan. Funds will also be utilized for implementation of the plan, including hardware and component installations such as, but not limited to, signal timing, upgraded signal controllers, and upgraded LED street lights. This program falls under EECBG eligible activity #7, Development and Implementation of Transportation Programs.

This EECBG activity has the following 4 parts:

1. Consultant activity to review the entire County-wide traffic signal and street light system. The consultant will also provide a planning and implementation program for Lake County. This plan will develop the program in stages with time frames based on cost and efficiency. The plan will prioritize which improvements should be performed in the short term and which one should be performed in the long term. The consultant will also provide a plan to track and assess energy savings and reductions in energy use.
2. Consultant activity to develop the timing programs, construction plans, and specifications for short-term improvements.
3. Consultant activity to assist in the construction engineering and inspection of all new hardware, systems, and signal synchronization timings put into effect to ensure that they are performing at optimum efficiency as proposed in the developed construction plans. The consultant will make necessary adjustments in the field for the new timing plans.
4. Hiring of a contractor for the installation of new hardware, street lights, LED traffic signals, ITS, and other systems as programmed and funded by the plan under this program.

This program will have a number of long-term benefits. It will improve traffic flow and efficiency by reducing delays, which will, in turn, reduce carbon monoxide (CO) and hydrocarbon (HC) emissions. The reduction in delays will lead to projected travel time improvements of up to 20%. This will help the overall local air quality. The program will also convert outdoor lighting from inefficient to efficient energy systems. Lamp energy use on retrofitted systems will improve by up to 80%. Replacing these lights results in a significant long-term reduction of County funds spent on outdated high-pressure sodium lighting. Use of more efficient fixtures also reduces GHG emissions originating from lighting energy consumption and maintenance. Financial support for this project promotes a greater market for the technology, reducing future initial costs and payback time. This activity will create approximately 4 jobs in the form of positions at engineering firms and positions for contractors.

Activity cost breakdown:

Personnel: \$23,206
Fringe Benefits: \$8,122
Contractual: \$295,829
Total: \$327,157

EECBG Activity Worksheet

#4

Grantee: Lake County, FL Date: 02/10/2010
 DUNS #: 79214136 Program Contact Email: SMinkoff@lakecountyfl.gov
 Program Contact First Name: Sanford Last Name: Minkoff
 Project Title: Expansion of County Recycling Program
 Activity: 10. Material Conservation Program If Other: _____
 Sector: Public If Other: _____
 Proposed Number of Jobs Created: 0.00 Proposed Number of Jobs Retained: 0.00
 Proposed Energy Saved and/or Renewable Energy Generated: 0
 Proposed GHG Emissions Reduced (CO2 Equivalents): 64.000
 Proposed Funds Leveraged: \$0.00
 Proposed EECBG Budget: 30,636.00
 Projected Costs Within Budget: Administration: \$2,632.50 Revolving Loans: \$0.00 Subgrants: \$0.00
 Project Contact First Name: Sanford Last Name: Minkoff Email: SMinkoff@lakecountyfl.gov
 Metric Activity: Other If Other: Tons of waste diverted

Project Summary: *(limit summary to space provided)*

Lake County recognizes the significant environmental impact that occurs when waste is disposed of in a landfill. To reduce the amount of waste placed in landfills, Lake County proposes to expand and enhance its County Recycling Program by conducting a waste stream audit, identifying areas for improvement, and evaluating additional waste-related regulations. These efforts fall under eligible activity #10, Material Conservation Program.

This program has three parts:

First, Lake County will perform a waste stream audit on a representative sample of County facilities. These audits will be done using standard practices detailed in Materials & Resources Credit 6 under the U.S. Green Building Council's (USGBC) Leadership in Energy and Environmental Design for Existing Buildings: Operations & Maintenance (LEED-EB:O&M) Rating System. The waste stream audit will identify which materials are being put in landfills and which materials are being diverted.

Second, the County will analyze the results of the audit and identify areas for improvement. As a recycling program is already in place, the audit will allow Lake County to see its unrealized opportunities. For example, if a significant amount of glass is put in the landfill, Lake County will emphasize recycling glass and re-using dishware to reduce the amount of glass being disposed of. The County will promote its recycling program and facilitate participation by providing recycling bins and containers that are well-marked and easily accessible, as well as by placing signage in facilities promoting the recycling program to occupants and visitors. The County will also encourage occupants to decrease waste by reducing and reusing materials where appropriate. Additionally, the current styrofoam recycling program will be expanded.

Third, Lake County will consider expanding its recycling efforts to the community by investigating opportunities to regulate particularly environmentally stressful bulk waste, such as styrofoam. Lake County will investigate local recycling companies and find alternate solutions for companies that wish to dispose of waste in bulk. This solution will prove fiscally advantageous to both the disposer and the recycler.

This program will have numerous and lasting impacts. First, landfills will fill up more slowly, as less material will be sent to them. Second, fewer raw materials will be harvested. Third, local companies will benefit (and potentially jobs will be created) from the increased recycling volume (for recycling companies) and from reduced disposal fees.

Activity cost breakdown:

Personnel: \$6,700
 Fringe Benefits: \$2,345
 Equipment: \$20,500
 Supplies: \$1,091
 Total: \$30,636

EECBG Activity Worksheet

Grantee: Lake County, FLDate: 02/10/2010DUNS #: 79214136Program Contact Email: SMinkof@lakecountyfl.govProgram Contact First Name: SanfordLast Name: MinkofProject Title: Greenhouse Gas Reduction ProgramActivity: 11. Reduction/Capture of Methane/Greenhouse Gases

If Other: _____

Sector: Public

If Other: _____

Proposed Number of Jobs Created: 2.00Proposed Number of Jobs Retained: 0.00Proposed Energy Saved and/or Renewable Energy Generated: 0Proposed GHG Emissions Reduced (CO2 Equivalents): 0.000Proposed Funds Leveraged: \$0.00Proposed EECBG Budget: 136,991.00Projected Costs Within Budget: Administration: \$10,108.80Revolving Loans: \$0.00Subgrants: \$0.00Project Contact First Name: SanfordLast Name: MinkoffEmail: SMinkoff@lakecountyfl.govMetric Activity: Building Codes and Standards

If Other: _____

Project Summary: *(limit summary to space provided)*

Lake County is proposing an emissions reduction program encompassing several specific initiatives that will not only reduce the County's GHG emissions, but also develop methodologies for measuring and achieving Lake County's environmental goals. Paired with the County's GHG Inventory Management Plan, these efforts will continue to reduce GHG emissions into the future. These measures fall under eligible activity #11, Reduction/Capture of Methane/Greenhouse Gases.

Lake County's strategy for reducing and capturing methane and GHGs includes the following specific activities:

1. Landfill Gas (LFG) Feasibility Study: Lake County will conduct feasibility studies on two (2) of the County's landfills to assess the available capacity for the capture of methane. The feasibility studies will evaluate the potential landfill gas (LFG) flow created from each landfill, the options for achieving reductions in GHG emissions, and the use of the intrinsic heat content of LFG to realize additional revenue streams. During these feasibility studies, a high-level comparative analysis of the characteristics of the County's other landfills will be performed to confirm that no LFG potential recovery potential exists there.

2. Regulatory Support for Compliance with EPA's GHG Reporting Rule: On September 22, 2009, the EPA Administrator signed a rule that requires facilities that emit over 25,000 metric tons of carbon dioxide equivalent GHG emissions to report emissions to EPA. Lake County's waste-to-energy (WTE) plant may fall under this rule, and the emissions reporting will likely be the responsibility of County staff. Additionally, this rule may cover private sector industries conducting business in the County. Lake County will attend training and offer support to comply with these new GHG rules, both for the WTE plant and for the community.

3. Lake County's Waste-To-Energy (WTE) Plant: Lake County's WTE facility, operated by Covanta Lake of Okahumpka, already contributes to the reduction of GHGs by decreasing the dependence on fossil-based power generation, reducing landfill space and methane emissions, potentially reducing waste transportation costs, and recovering ferrous metals. However, the emissions from this plant are currently not adequately tracked; the current GHG benefits of the plant have not been quantified; and the opportunities for further benefits have not been explored in-depth from a GHG perspective. As the incinerator at the WTE facility will most likely be one of the County's largest GHG emitters, the County proposes to target this facility in two ways: (1) quantify and track emissions (applicable because the facility may emit over 25,000 metric tons of carbon dioxide equivalent emissions thus requiring the facility to report under EPA's mandatory GHG regulation), and (2) utilize the waste stream audit performed under activity #10 and analyze the WTE operation to determine further opportunities for emissions reductions, including diversion of waste to landfills and reduction in fossil fuel use for co-firing.

This program creates the base for future action by establishing the infrastructure to measure and track GHGs, which will better enable the County to manage these emissions. It also determines the feasibility of options for using or destroying landfill gas. In addition to these lasting benefits, this activity will create 2 jobs, including a third-party GHG Manager who will be contracted to track progress and ensure that goals have been reached.

Note: Per the guidance in the FOA, Lake County will submit the environmental information contained in NETL F 451.1-1/3-EECBG contained in Attachment B3 when the eligible project is identified, if it falls under activity #5, 7D, 11, 13, or 14.

Activity cost breakdown:

Personnel: \$10,364

Fringe Benefits: \$3,627

Contractual: \$123,000

Total: \$136,991

EECBG Activity Worksheet

#8

Grantee: Lake County, FL Date: 02/10/2010
DUNS #: 79214136 Program Contact Email: SMinkoff@lakecountyfl.gov
Program Contact First Name: Sanford Last Name: Minkoff
Project Title: Renewable Energy Technologies
Activity: 13. Onsite Renewable Technology If Other: _____
Sector: Public If Other: _____
Proposed Number of Jobs Created: 1.00 Proposed Number of Jobs Retained: 0.00
Proposed Energy Saved and/or Renewable Energy Generated: 90.4 MBTUs
Proposed GHG Emissions Reduced (CO2 Equivalents): 16.330
Proposed Funds Leveraged: \$0.00
Proposed EECBG Budget: 100,083.00
Projected Costs Within Budget: Administration: \$9,582.30 Revolving Loans: \$0.00 Subgrants: \$0.00
Project Contact First Name: Sanford Last Name: Minkoff Email: SMinkoff@lakecountyfl.gov
Metric Activity: Renewable Energy Market Development If Other: _____

Project Summary: *(limit summary to space provided)*

Lake County proposes to establish a pilot program to allow the County to take advantage of Florida's focus on renewable energy. This program aligns with eligible activity #13, Renewable Energy Technologies on Government Buildings.

This EECBG activity consists of the following three tasks:

1. Identification of renewable technology candidates: County facilities will be selected based on their energy performance rating in EPA's Portfolio Manager and/or renewable facility assessments conducted through a partnership with Lake Sumter Community College. A secondary selection criteria is to seek high-visibility sites, sites with special educational opportunities, and sites providing public services; these will be given priority because they will have the most public visibility and thus the greatest potential for increasing public awareness and education about energy efficiency and solar renewable energy.

2. Fund matching: The County will set aside the EECBG funds for the purpose of matching Florida renewable energy funds. As funds become available through state programs -- such as the Renewable Energy Sector Grant Program, the Sunshine State Buildings Initiative, and the Solar Thermal Loan Program -- the County will then use the combined funds to install renewable technologies on eligible buildings.

3. Energy savings tracking: Lake County will track and report ongoing results from Portfolio Manager as part of its benchmarking efforts in eligible activity #3.

This program results in a number of long-term benefits. The use of renewable energy technology on efficient or upgraded buildings provides sustainable benefits by reducing energy losses and GHG emissions, lowering peak demand on power generation plants, and educating the public on the thorough integration of energy efficiency with renewable energy generation. This activity is expected to create approximately 1 job.

Note: Per the guidance in the FOA, Lake County will submit the environmental information contained in NETL F 451.1-1/3-EECBG contained in Attachment B3 when the eligible project is identified, if it falls under activity 5, 7D, 11, 13, or 14.

Activity cost breakdown:

Personnel: \$44,868
Fringe Benefits: \$15,704
Contractual: \$16,806
Construction: \$22,705
Total: \$100,083

**U.S. Department of Energy
FEDERAL ASSISTANCE REPORTING CHECKLIST
AND INSTRUCTIONS**

DE-EE0000786/001
Attachment #2

1. Identification Number: DE-EE0000786, 001		2. Program/Project Title: County of Lake, FL Energy Efficiency and Conservation Block Grant	
3. Recipient: County of Lake, FL			
4. Reporting Requirements	Frequency	No. of Copies	Addressees
A. MANAGEMENT REPORTING			
<input checked="" type="checkbox"/> Progress Report	Q,M	Upload 1 copy to the address in the next column	WWW.PAGE.ENERGY.GOV See Note 1
<input checked="" type="checkbox"/> Special Status Report	A	Electronic Version	See Note 2
B. SCIENTIFIC/TECHNICAL REPORTING (Reports/Products must be submitted with appropriate DOE F 241. The 241 forms are available at www.osti.gov/elink .)			
Report/Product <input type="checkbox"/> Final Scientific/Technical Report <input type="checkbox"/> Conference papers/proceedings* <input type="checkbox"/> Software/Manual <input type="checkbox"/> Other (see special instructions) <i>* Scientific and technical conferences only</i>	Form DOE F 241.3 DOE F 241.3 DOE F 241.4 DOE F 241.3		
C. FINANCIAL REPORTING			
<input checked="" type="checkbox"/> SF-425, Financial Status Report	Q, F	Electronic Version	WWW.PAGE.ENERGY.GOV
D. CLOSEOUT REPORTING			
<input type="checkbox"/> Patent Certification <input checked="" type="checkbox"/> Property Certification <input type="checkbox"/> Other	F		TBD
E. OTHER REPORTING			
<input type="checkbox"/> Annual Indirect Cost Proposal <input type="checkbox"/> Annual Inventory of Federally Owned Property, if any <input checked="" type="checkbox"/> Other-See Section 5 below:	A		WWW.FEDERALREPORTING.GOV
FREQUENCY CODES AND DUE DATES: <div style="display: flex; justify-content: space-between;"> <div> <p>A - Within 5 calendar days after events or as needed.</p> <p>F - Final; 90 calendar days after expiration or termination of the award.</p> <p>Y - Yearly; 90 days after the end of the reporting period.</p> </div> <div> <p>S - Semiannually; within 30 days after end of reporting period.</p> <p>Q -Quarterly; within 30 days after end of the reporting period.</p> <p>M-Monthly, within 30 days after the end of the reporting period.</p> </div> </div>			
5. Special Instructions: Forms are available at https://www.eere-pmc.energy.gov/forms.aspx . 1. The Monthly EECBG Progress Report will be due on the 30 th of the month following the month for which data is being reported. The Quarterly EECBG Progress Report will be due on the 30 th of the month following the quarter for which data is being reported. For the 3 rd month of each quarterly reporting period, both a monthly and quarterly report are due on their respective due dates. Monthly reporting will be effective beginning April 2010 with the first monthly report due May 30, 2010. See instructions at: http://www.eecbg.energy.gov/Downloads/EECBG_10-07A.pdf 2. Submit reports to the DOE Project Officer. Other Reporting: 1. ARRA-Performance Progress Report: The required reports are due no later than ten calendar days after each calendar quarter in which the recipient receives the assistance award funded in whole or in part by the Recovery Act. Recipients are instructed to maintain data in order to report cumulatively. See the Special Terms and Conditions for Recovery Act reporting requirements, along with the following web site: http://www.federalreporting.gov . 2. Disposition of Historic Preservation Consultations by Category Report: This report shall be submitted annually on September 1. A reporting format will be forthcoming. See Federal Assistance Reporting Instructions on following pages for more details.			

Federal Assistance Reporting Instructions

Reporting requirements under the EECBG Program consist of the following types of reports:

SPECIAL STATUS REPORT

The recipient must report the following events by e-mail as soon as possible after they occur:

1. Developments that have a significant favorable impact on the project.
2. Problems, delays, or adverse conditions which materially impair the recipient's ability to meet the objectives of the award or which may require DOE to respond to questions relating to such events from the public. For example, the recipient must report any of the following incidents and include the anticipated impact and remedial action to be taken to correct or resolve the problem/condition:
 - a. Any single fatality or injuries requiring hospitalization of five or more individuals.
 - b. Any significant environmental permit violation.
 - c. Any verbal or written Notice of Violation of any Environmental, Safety, and Health statutes or regulations.
 - d. Any incident which causes a significant process or hazard control system failure.
 - e. Any event which is anticipated to cause a significant schedule slippage or cost increase.
 - f. Any damage to Government-owned equipment in excess of \$50,000.
 - g. Any other incident that has the potential for high visibility in the media.

FINANCIAL REPORTING

- **FOR ALL RECIPIENTS:** Submit a Quarterly Progress Report and the SF-425 Federal Financial Report. Instructions for the Quarterly Progress Report are below. The SF-425 is available at <http://www.whitehouse.gov/omb/grants/index.html>.

CLOSEOUT REPORTING

Property Certification

The recipient must provide the Property Certification, including the required inventories of non-exempt property, located at <http://grants.pr.doe.gov>.

EECS STRATEGY (for units of local government and Indian tribes only)

- **FOR UNITS OF LOCAL GOVERNMENT AND INDIAN TRIBES:** units of local government and Indian tribes that do not submit an Energy Efficiency and Conservation Strategy (EECS) with their application must submit one not later than one-hundred twenty (120) days after the effective date of the award. The EECS shall be a comprehensive strategy that covers, at a minimum, all items details in Attachment D as well as the following:
 - Jurisdictional area covered by plan and governing body and/or office with direct authority over plan
 - Plan implementation partners and any leverages funds from private or other public sources
 - Baseline energy use and GHG emissions inventory and forecast
 - Goals/objectives for total energy use and emissions reductions, and energy efficiency increase (including deployment of renewable technologies)
 - Goals can be qualitative

- Actions/plans/strategies and implementation schedule to meet goals
 - Actions and strategies included in the plan can be eligible activities for use of funds under EECBG as well as activities that are ineligible; comprehensive planning is encouraged. The eligible activities should be marked as such.
 - Applicants are encouraged, in particular, to include the potential impact of anticipated leveraged funds from private as well as other public sources.
- Expected outcomes and benefits of plan:
 - Jobs created and/or retained
 - Energy saved
 - Renewable energy capacity
 - GHG emissions reduced
 - Funds leveraged
- Obstacles to reaching goals and strategies to remove obstacles
- Policies and/or administrative actions adopted or needed to support actions/plans/strategies/targets/schedule
- Evaluation, monitoring and verification plan
- Plan for how activities will be sustained beyond grant period
- Plans for the use of funds by adjacent eligible units of local governments that receive grants under the program; and plans to coordinate and share information with the state in which the eligible unit of local government is located regarding activities carried out using the grant to maximize the energy efficiency and conservation benefits under this part.
- Plans for how these funds will be coordinated with leverages funds, including other Recovery Act funds, to maximize benefits for local and regional communities.

ANNUAL REPORTS

- FOR UNITS OF LOCAL GOVERNMENT AND INDIAN TRIBES: Submit annual reports not later than two (2) years after the effective date of this award and annually thereafter. The annual report shall describe the status of development and implementation of the energy efficiency and conservation strategy and an assessment of energy efficiency gains within the jurisdiction of the eligible unit of local government or Indian Tribe. The annual report shall also address the metrics listed below.
- FOR STATES: Submit annual reports not later than one (1) year after the effective date of this award and annually thereafter. The annual report will include the metrics listed below as well as:
 - The status of development and implementation of the energy efficiency and conservation strategy of the state during the preceding calendar year;
 - The status of the subgrant program of the state;
 - Specific energy efficiency and conservation goals of the state for subsequent calendar years; and
 - Activities (list all programs created or supported by program funds and amount of program funds spent on each activity, indicate which programs are new and which are existing, indicate which programs are supported solely by program funds, and which have other funding sources.

ARRA PERFORMANCE PROGRESS REPORT

Failure to comply with this reporting requirement may result in termination of that part of the award funding by Recovery Act.

Not later than 10 days after the end of each calendar quarter, each recipient shall submit a report to the grantor agency that contains:

- The total amount of American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, covered funds received from that agency;
- The amount of American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, covered funds received that were expended or obligated to project or activities;
- A detailed list of all projects or activities for which American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, covered funds were expended or obligated including:

- Name of project or activity
 - Description of project or activity
 - Evaluation of the completion status of project or activity
 - Estimate of number of jobs created and retained by project or activity *in the manner and form prescribed by DOE*
 - Infrastructure investments made by State and local governments, purpose, total cost, rationale or agency for funding infrastructure investment, name of agency contact.
 - Information on subcontracts or subgrants awarded by recipient to include data elements required to comply with the Federal Accountability and Transparency Act of 2006 (Pub. L. 109-282).
- Compliance: As a condition of receipt of funds under this Act, no later than 180 days of enactment, all recipients shall provide the information described above.

DOE intends to append the periodic ARRA – Performance Progress Report to include reporting on the following, at a minimum:

The results of the funding provided for the EECBG Program through the American Recovery and Reinvestment Act (ARRA) will be assessed according to the following performance metrics:

- Jobs created and/or retained
- Energy (kwh/therms/gallons/BTUs/etc.) saved
- Renewable energy generated
- GHG emissions reduced
- Cost savings

The metrics described below are designed to track the accomplishments of projects funded by EECBG. States must not include results reported by direct grant recipients. Grant recipients will be presented with reporting requirements at the time they receive funding and will be expected to report their achievements in terms of the specified metrics presented below.

Grant recipients will be required to report quarterly on project expenditures, and also on specific activities and achievements, such as square feet of buildings retrofitted. These items tend to be outputs (actions taken by grant recipients) but also include some short-term outcomes (results achieved relatively soon after project outputs occur that lead toward attainment of ultimate project objectives).

Expenditures: Accurate records should be kept on project expenditures for all EECBG ARRA funded efforts. The specific information to be gathered and tracked is listed below. It will be the same for all project types:

- Expenditures for project activities
- Expenditures for administration
- Expenditures for evaluation
- Leveraged funds

Metrics Activity: The key metrics to be reported will vary by project type. The minimum information to be reported, by project activity type, is reported below.

Building Codes and Standards

- Name of new code adopted
- Name of old code replaced
- Number of new and existing buildings covered by new code

Building Retrofits

- Number of buildings retrofitted, by sector
- Square footage of buildings retrofitted, by sector

Clean Energy Policy

- Number of alternative energy plans developed or improved
- Number of renewable portfolio standards established or improved
- Number of interconnection standards established or improved

Building Energy Audits

- Number of audits performed, by sector
- Floor space audited, by sector
- Auditor's projection of energy savings, by sector

Energy Efficiency Rating and Labeling

- Types of energy-consuming devices for which energy-efficiency rating and labeling systems were endorsed by the grantee

Government, School, Institutional Procurement

- Number of units purchased, by type (e.g., vehicles, office equipment, HVAC equipment, streetlights, exit signs)

Industrial Retrofit Support

- Number of buildings retrofitted, by Industry Type
- Square footage of buildings retrofitted, by Industry Sector

Loans, Grants, and Incentives

- Number and monetary value of loans given
- Number and monetary value of grants given
- Number and monetary value of incentives provided

Incremental Cost for Efficiency and Design Elements in New Buildings

- Number and square footage of new buildings designed, by sector
- Number and square footage of new buildings constructed, by sector

Renewable Energy Market Development

- Number and size of solar energy systems installed
- Number and size of wind energy systems installed
- Number and size of other renewable energy systems installed

Financial Incentives for Energy Efficiency

- Monetary value of financial incentive provided, by sector
- Total value of investments incentivized, by sector
- Estimated impact of incentives on total investment made

Technical Assistance

- Number of information transactions contacts (for example, webinar, site visit, media, fact sheet) in which energy efficiency or renewable energy measure were recommended, by sector

Transportation

- Number of alternative fuel vehicles purchased
- Number of conventional vehicles converted to alternative fuel use
- Number of new alternative refueling stations emplaced
- Number of new carpools and vanpools formed
- Number of energy-efficient traffic signals installed
- Number of street lane-miles for which synchronized traffic signals were installed

Workshops, Training, and Education

- Number and type of workshops, training, and education sessions held
- Number of people attending workshops, training, and education sessions

Other Activities Not Previously Defined

- Pertinent metric information for any activity not defined above should be captured and included as needed

Short-term Outcomes (DOE will provide supplemental guidance on how to calculate these outcomes to ensure consistent approaches that results can be aggregated at a regional, State and national level):

Energy Savings (kwh equivalents)

- Annual reduction in natural gas consumption (mmcf) by sector and end-use category
- Annual reduction in electricity consumption (MWh) by sector and end-use category
- Annual reduction in electricity demand (MW) by sector and end-use category
- Annual reduction in fuel oil consumption (gallons) by sector and end-use category
- Annual reduction in propane consumption (gallons) by sector and end-use category
- Annual reduction in gasoline and diesel fuel consumption (gallons) by sector and end-use category

Job Creation/Retention

- Number
- Type
- Duration

Renewable Energy Capacity and Generation

- Amount of wind-powered electric generating capacity installed (MW)
- Amount of electricity generated from wind systems (MWh)
- Amount of photovoltaic generating capacity installed (MW)
- Amount of electricity generated from photovoltaic systems (MWh)
- Amount of electric generating capacity from other renewable sources installed (MW)
- Amount of electricity generated from other renewable sources (MWh)

Emissions Reductions (tons) (CO2 equivalents)

- Methane
- Carbon
- Sulfur dioxide
- Nitrogen oxide
- Carbon monoxide

Protected Personally Identifiable Information (PII)

Reports must not contain any *Protected* PII. PII is any information about an individual which can be used to distinguish or trace an individual's identity. Some information that is considered to be PII is available in public sources such as telephone books, public websites, university listings, etc. This type of information is considered to be Public PII and includes, for example, first and last name, address, work telephone number, e-mail address, home telephone number, and general educational credentials. In contrast, *Protected* PII is defined as an individual's first name or first initial and last name in combination with any one or more of types of information, including, but not limited to, social security number, passport number, credit card numbers, clearances, bank numbers, biometrics, date and place of birth, mother's maiden name, criminal, medical and financial records, educational transcripts, etc.

Applicant Name: County of Lake, FL

Award Number: DE-EE0000786/001

Attachment #3

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

OMB Approval No. 0540-0044

Section A - Budget Summary						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Preparation of Energy Efficiency and Conservation Strategy	81.128	\$0	\$0	\$92,790	\$0	\$92,790
2. Incentive Funds	81.128	\$0	\$0	\$1,449,999	\$0	\$1,449,999
3. Benchmarking, Education, and Outreach	81.128	\$0	\$0	\$503,686	\$0	\$503,685
4. Quality Inspection, Measurement, and Building Codes	81.128	\$0	\$0	\$166,159	\$0	\$166,159
5. Traffic Signal Synchronization and System Improvement	81.128	\$0	\$0	\$327,157	\$0	\$327,157
Section B - Budget Categories						
Object Class Categories	Grant Program, Function or Activity					
	(1) Preparation of Energy Efficiency and Conservation Strategy	(2) Incentive Funds	(3) Benchmarking, Education, and Outreach	(4) Quality Inspection, Measurement, and Building Codes	(5) Traffic Signal Synchronization and System Improvement	
a. Personnel	\$10,987	\$183,563	\$52,841	\$78,099	\$23,206	
b. Fringe Benefits	\$1,923	\$64,247	\$18,494	\$27,335	\$8,122	
c. Travel	\$0	\$275	\$686	\$0	\$0	
d. Equipment	\$0	\$45,000	\$0	\$0	\$0	
e. Supplies	\$0	\$6,408	\$996	\$0	\$0	
f. Contractual	\$79,880	\$295,832	\$429,318	\$60,725	\$295,829	
g. Construction	\$0	\$0	\$0	\$0	\$0	
h. Other	\$0	\$854,674	\$1,350	\$0	\$0	
i. Total Direct Charges (sum of 6a-6h)	\$92,790	\$1,449,999	\$503,685	\$166,159	\$327,157	
j. Indirect Charges	\$0	\$0	\$0	\$0	\$0	
k. Totals (sum of 6i-6j)	\$92,790	\$1,449,999	\$503,685	\$166,159	\$327,157	
Program Income	\$0	\$0	\$0	\$0	\$0	

Applicant Name: County of Lake, FL

Award Number: DE-EE0000786/001

Attachment #3

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

Section A - Budget Summary						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
6 Expansion of County Recycling Program	81.128	\$0	\$0	\$30,636	\$0	\$30,636
7 Greenhouse Gas Reduction Program	81.128	\$0	\$0	\$136,990	\$0	\$136,991
8 Renewable Energy Technologies	81.128	\$0	\$0	\$100,083	\$0	\$100,083
Totals (Activities 1 - 8)		\$0	\$0	\$2,807,500	\$0	\$2,807,500
Section B - Budget Categories						
Object Class Categories	Grant Program, Function or Activity				Total (Activities 1 - 8)	
	(6) Expansion of County Recycling Program	(7) Greenhouse Gas Reduction Program	(8) Renewable Energy Technologies			
a. Personnel	\$6,700	\$10,364	\$44,868		\$410,628	
b. Fringe Benefits	\$2,345	\$3,627	\$15,704		\$141,797	
c. Travel	\$0	\$0	\$0		\$961	
d. Equipment	\$20,500	\$0	\$0		\$65,500	
e. Supplies	\$1,091	\$0	\$0		\$8,495	
f. Contractual	\$0	\$123,000	\$16,806		\$1,301,390	
g. Construction	\$0	\$0	\$0		\$0	
h. Other	\$0	\$0	\$22,705		\$878,729	
i. Total Direct Charges (sum of 6a-6h)	\$30,636	\$136,991	\$100,083		\$2,807,500	
j. Indirect Charges	\$0	\$0	\$0		\$0	
k. Totals (sum of 6i-6j)	\$30,636	\$136,991	\$100,083		\$2,807,500	
7. Program Income	\$0	\$0	\$0		\$0	